

bPDFServer.exe history from v1.1.1 to 8.6.0

Version 8.6.0 (03.11.2020) [CW 12.0.0 08/01/21] 32&64bits

- built for CMS only

Version 8.5.1 (03.11.2020) [TW 8.5.1 26/11/20 PFX 12.0.0 30/11/20] 32&64bits

- Fixes huge memory leak when protect sharpen enabled
- Keyword to optimize working memory after each pdf processing:
PDF_MEMORY_OPTIMIZER=ON/OFF (Default OFF)
- Some modifications in Wizard interface for Xtra

Version 8.5.0 (03.11.2020) [TW 8.5.0] 32&64bits

- New versions of most binuscan tools

Version 8.4.0 (12.06.2020) [for Xtra 64 only, TW 10/07/2020] 32&64bits

- Better protection improvement in case of multi-MAC configuration

Version 8.3.0 (03.06.2020) [TW 8.3.0 04/06/2020, others services 05/06/2020] 32&64bits

Version 8.2.0 (16.01.2020) [TW 64 only UNISSUED] 64bits

- Keyword to add Device Link saturation:
PDF_DL_SATURATION=value (value from -100 to 100, Default=0)
- Back to old code because when TimeOutAsError=OFF & WarningAsError=ON, original pdf file was copied twice (in Error & in Warning)
- Minor fixes for DL Saturation (value range)
- Keyword to allow TIFF compression if TIFF is selected as output (instead of PDF) :
PDF_GS_TIFF_COMPRESSION=type (type is LZW or NONE, Default is NONE)
- Back to old code, B&W images case (Nvllst)
- Fixes crash due to invalid ICC descriptor

CW+PFPro+PFPX 11.1.0 (15&16/10/2019) 32&64bits

- Adding B&W parameters interface (PFP&PFPX)
- Adding Output mode interface (PFP&PFPX)
- Fixes Resources parameters for Flexo printing (PFP&PFPX)
- Fixes behavior of PDF_USE_DEVICE_LINK_PROFILE keyword for Flexo Standard

Version 8.1.0 (09.10.2019) [PFPro 11.0.0 09/10/2019] 32&64bits

- Fixes wrong licence message in file dynamic_log.txt (adapted for virtual keys)

Version 8.0.0 (19.06.2019) [TW 8.0.0 16/09/2019] 32&64bits

- Service discrimination by product code (TW, PFP & PFPX)
- Don't apply again sharpen for PDF already processed with binuscan Output Intent
- Fixes ProofPrinter to allow custom limit values (v4.3.0)

Version 7.4.0 (18&19.04.2019) [CW+PFPro 10.0.0 19/04/2019] 32&64bits

- Fixes wrong behavior when timeout reached & PDF_TIMEOUT_AS_ERROR=OFF (original files were going in ERROR instead of OUT) [TOI case]

ProgramData folder no more used for resources/extracting

CW 9.5.1 (01/02/2019) *Unissued*

PDFStatus no more launched from ProgramData folder

CW+PFPro 9.5.0 (20/12/2018+18/12/2018)

Brand new interface (DX) for most existing tools

Version 7.3.4 (05.07.2018) [TW 7.3.6 12/07/2018 & CW+PFPro 9.4.0 06-09/07/2018] 32&64bits

- Disable code for keyword PROCESS_PDF_ONLY due to incompatibility issues with network/remote/3rdParty progressive writing of PDF inside hot folders

Version 7.3.3 (25.06.2018) [TW 7.3.5 29/06/2018] 32(1st)&64bits

- Allowing support of Option code 1 (Callas protection in Virtual Key)

Version 7.3.2 (22&26.02.2018) [TW 7.3.3 06/04/2018 & CW+PFPro 9.3.1 06/04/2018] 32&64bits

- First release of PageFinisher Pro supporting virtual dongle
Same keyword than for TW (CMS_BPK)
Automatic request & application mechanism available for PFPro too (via PF Virtual Key Request & PDFStatus)
Metadata filtering improved [14+JPX]

Version 7.3.2 (22.02.2018) [TW 7.3.2 22/02/2018] 64bits

- Protection with virtual dongle now also available (for TW only)
Keyword to enable use of virtual dongle:
CMS_BPK=value (the value is a 256 hexadecimal characters string)
Automatic request & application mechanism available for CMS Server Twin only (via CMS Twin Manager & PDFStatus)
- Width of Yellow/Blue stripes is now larger (Demo Mode)
- Initialization and checking speed optimized for virtual dongle

Version 7.3.1 (27.11.2017 PF) [TW 7.3.1 28/11/2017] 64bits *1st Twin*

- Fixes problem with hidden .# file staying in TODO folder (now fixed at restart)
- Uncompression & Metadata filtering improved (LFrep.exe required) [8+JPX]
- Slight improvement for PDF_OVERPRINT_CHECK_METHOD=1
- Slight speed processing improvement in Demo Mode (no dongle)
Also when stopping the service

Version 7.2.0 (02.10.2017 PF & CS) [CW+PF 9.2.4 16/10/2017] 32&64bits

- 2 droplets improved (for XI & DC)
- Updated list of keywords for meta data filtering
- Fixing unexpected behavior in PDF2PS.exe (RB)
- 5 new icc profiles added and assumed as standard; no "(opt.)" added (total is now 34)

Version 7.1.1 (24.07.2017 PF & 24.07.2017 CS) [CW+PF 9.1.0 26/07/2017] 32&64bits

- Built for CMS Wizard purpose

Version 7.1.0 (30.06.2017 PF & 30.06.2017 CS) [CW+PF 9.1.0 30/06/2017] 32&64bits

- Fixes wrong behavior when PROCESS_PDF_ONLY=OFF when copying files from a Mac (files were never processed and moved directly to the ERROR folder)

Version 7.0.0 (01.06.2017 PF & 01.06.2017 CS) [CW+PF 9.0.0 02/06/2017] 32&64bits

- Fixes wrong behavior when default temp folder was modified (PDF_DEFAULT_TEMP_PATH)
If path doesn't exist, then it is automatically created
- Fixes .pdf in ..\Converted\ (Temp) which were not deleted
- Fixes a crash when a stereoscopic JPEG is put in the IN folder (this problem occurred only with Panasonic stereoscopic jpeg but worked fine with Fujifilm stereoscopic jpeg)

Version 6.8.0 (21.04.2017 CS) [CMS 32&64bits services alone, no Wizard] 32&64bits

- Keyword to allow process of PDF files only
PROCESS_PDF_ONLY=ON/OFF (Default OFF)
ON : only PDF files processed (any other file is moved to the ERROR folder)
OFF : PDF, PS, EPS, TIFF, JPEG, PSD files are processed (as before)
- As a result, any unsupported file format is now directly moved to ERROR (stayed previously in the IN folder...)

Version 6.7.0 (07.03.2017 PF & 07.03.2017 CS) [CW+PF 8.7.0 07/03/2017] 32&64bits

- Keyword to add Automatic backup of Results file
PROCESS_RESULTS_BAK=ON/OFF (Default OFF)
- Fixes unexpected behavior when archiving Results file if size > 50000
- Fixes crash with monitor XYZ ICC profiles (Ascci description & length)

Version 6.6.0 (15.02.2017 PF & 15.02.2017 CS) [CW+PF 8.6.0 16/02/2017] 32&64bits

- Fixes crash problem in a radial shading transformation (specific case)
- Fixes problem with hidden .# file staying in TODO folder (single case pdf)

Version 6.5.0 (18.01.2017 PF & 18.01.2017 CS) [CW+PF 8.3.2 18/01/2017] 32&64bits

- Fixes unexpected behavior if same pdf processed several times (depending on workflow configuration, those pdf were going in the ERROR folder)

Version 6.4.1 (09.01.2017 PF & 09.01.2017 CS) [CW+PF 8.3.1 09/01/2017] 32&64bits

- Same as version 6.4.0 but including CMS+PF 32&64bits and Wizard

Version 6.4.0 (28.11.2016 CS) [CMS 64bits service alone, no Wizard] 64bits

- Keyword to select a specific folder for normalized pdf
FOLDER_DONE_FOR_NORMALIZED_PDF=path_to_normalization_folder
If keyword is missing or value empty or folder nonexistent
then default output folder is used (path specified in FOLDER_DONE)

Version 6.3.0 (10.11.2016 PF & 10.11.2016 CS) [CW+PF 8.3.0 10/11/16] 32&64bits

- 16 bits (64) CMYK images partially supported
- Fixes TIFF extraction problem (Pointer Control) for 16 bits per channel
- TIFF output resolution value extended to 4 digits (previously 3)
- Keyword to select space mode for TIFF output

PDF_GS_TIFF_MODE=value (0=Gray, 1 =RGB, and 2=CMYK) Default=2

It is now possible to generate a CMYK or Gray TIFF (previously only RGB)

ICC profiles automatically associated depending on space mode:

tmp0.dat for CMYK, PDF_OUTPUT_PROFILE content for RGB, and tmpg.dat for Gray

Those ICC profiles are set for output and also as default profiles

- if PDF_FORCE_COMPUTE_DEVICE_LINK is set to ON, now the internal name of tmp0.dat (CMYK profile) is the name of the current service name
- Keyword to allow PDF uncompression to improve normalization requirement
PDF_UNCOMPRESSION_FOR_NORMALIZATION_DETECTION=ON/OFF (Default=ON)
PDF were previously always uncompressed
- Keyword to decide to process the uncompressed PDF or the original one
PDF_PROCESS_UNCOMPRESSED_PDF=ON/OFF (Default=OFF)

Version 6.2.0 (26.09.2016 PF & 26.09.2016 CS) [CW+PF 8.2.0 27/09/16] 32&64bits

- Fixes problem when TIFF output was selected (short file name case)
- Qpdf uncompression & new normalisation mechanism also kept in case of TIFF output
- Keyword to force ignoring Normalization even if required.
PDF_IGNORE_REQUIRED_NORMALIZATION=ON/OFF (Default OFF)
If a normalization would have been required then the processed PDF will be save in the ToCheck folder and a specific warning message will be written in the Result file
- Fonts are now tested after normalization process if so.

Version 6.1.0 (09.09.2016 PF & 09.09.2016 CS) [CW+PF 8.0.1 12/09/16] 32&64bits Unissued

- Normalization process improved (uncompressed pdf used if normalization fails)
- Stitching function process enhanced for shadings
- Fixes crash problem with missing names & Co in fonts (original PDF moved in Error folder)
- Memory manager improved when freeing memory (Pointer Control)

Version 6.0.0 (09.08.2016 PF & 09.08.2016 CS) [CW+PF 8.0.0 12/08/16] 32&64bits

- qpdf pre-processing for uncompressing pdf (requires PDF_CONVERT_TO_POSTSCRIPT=ON & PDF_PS_CONVERTER_PATH=distiller or qpdf)

- inline images pre-detection (just before keyword filtering) in order to determine if a conversion to PostScript is required.

keyword to enable inline images pre-detection:

PDF_CHECK_INLINE_IMAGES=ON/OFF (Default=ON)

- previous keyword works with the following new one:

PDF_DROPLET_MODE=ON/OFF (Default=OFF)

In Standard mode those keywords need to be set as follows:

PDF_CHECK_INLINE_IMAGES=ON

PDF_DROPLET_MODE=OFF

And in Droplet mode:

PDF_CHECK_INLINE_IMAGES=OFF

PDF_DROPLET_MODE=ON

- If a conversion to PostScript (and back to PDF) is required:

BleedBoxes & TrimBoxes are kept from the PDF using gBfPDF.exe and reinserted in the

PS using pBiPS.exe. This mechanism is enabled only if PDF_DROPLET_MODE is set to OFF (useless when using droplets)

- Adding details in Result file in case of normalization:
Filter found (Fltr)
Image Inline found (Iimg)
- bASK improved: adding fix-up of 1st Acrobat processing at boot (wrong behavior) and also after an Acrobat crash

Version 5.2.0 (19.05.2016 PF & 19.05.2016 CS) [CW+PF 7.4.6 30/05/16] 32&64bits

- Now processing also jpeg & tiff files with .jpeg and .tiff extensions (previously worked only with .jpg and .tif extensions)

Version 5.1.0 (09.05.2016 PF & 09.05.2016 CS) [CW+PF 7.2.0 10/05/16] 32&64bits

- Fixes side effect for PDF stitching functions in 64 bits version

Version 5.0.0 (01.04.2016 PF & 04.04.2016 CS) [CW+PF 7.1.1 08/04/16] 32bits

- Automatic normalization by Acrobat Pro for risky PDF files

Version 4.5.3 (23.03.2016 PF & 23.03.2016 CS) [CW+PF 6.8.2 23/03/16] 32bits

- Fixes problem with xref entry (gray mask case & ghost text apparition case)
- Automatic detection of Acrobat Pro version installed (APD.exe). Returned value is Acrobat Pro version installed (0 if none Acrobat Pro installed).
- New keyword:
PDF_MIN_AP_VERSION_FOR_GS_PS2PDF=value (from 8 to ..., default=12)
Minimum Acrobat Pro version required to use GhostScript instead of AcroDist for PostScript (.ps) to PDF conversion (between 8 and this value). This new keyword works even if none Acrobat Pro is installed (as APD returns 0 in this case and $0 < 8$, then GhostScript).
Works only with following keyword setting:
PDF_PS_CONVERTER_PATH=Distiller
- Metadata filtering enhanced and optimized
if filtering generates a warning and PDF_WARNING_AS_ERROR=ON then pdf no more processed unnecessarily

Version 4.5.2 (26.02.2016 PF & 26.02.2016 CS) [CW+PF 6.7.2 26/02/16] 32bits

- Better control of some bad pointers and memory releases
- back to qpdf integration (instead of pdftk which is now deprecated)
PDF_PS_CONVERTER_PATH=QPDF (or qpdf)
- if the converter is Distiller and if a postscript file (.ps) is dropped in a hot folder, the .ps will be converted by GS (instead of Distiller) if Acrobat Pro version is greater than 11

Version 4.5.1 (11.02.2016 PF & 11.02.2016 CS) [CW+PF 6.7.1 11/02/16] 32&64bits

- Still able to process .ps in any mode but now using GS
- Enhances support of ECI modified profiles

Version 4.5.0 (09.02.2016 PF & 09.02.2016 CS) [CW+PF 6.7.0 09/02/16] 32&64bits

- Fixes icc profile which was not extracted (logo case)
- Adding support of extra types when creating objects for conversion

Version 4.4.4 (02.02.2016 PF & 02.02.2016 CS) [CW+PF 6.6.6 02/02/16] 32&64bits

- Enhances reliability of ICC mechanism
- Support of ECI modified profiles
- keyword to enable extended Warning/Error mode.
PROCESS_RESULT_EXTENDED=value (from 0 to 3)
If keyword is missing or set to 0, then behavior is as before, i.e. extended mode disabled.
When value is set to 1, for each pdf file going in Warning (ToCheck folder), a 0KB file is created including the name of the pdf + .Warning.
When value is set to 2, for each pdf file going in Error (Error folder), a 0KB file is created including the name of the pdf + .Error.
When value is set to 3, both Warning and Error are managed (like value 1 & 2 at the same time)
All those files are created at the same level as the Result file (see PROCESS_RESULTS_FILE).

Some examples:

- with value 2, if my_test.pdf goes in Error, then the file my_test.pdf.Error will be created.
- with value 1, if my_test.pdf goes in Warning, then the file my_test.pdf.Warning will be created
- with value 2, if my_test.pdf goes in Warning, then none file will be created (Only Error requested).
To cover both Warning & Error, value 3 should have been set in that case)

Version 4.3.0 (18.01.2016 PF & 18.01.2016 CS) [CW+PF 6.6.0 18/01/16] 32&64bits

- Fixes problem with masks in RGB images ("Microsoft" case)
- Adding bASK to enhance performance with Acrobat Pro

Version 4.2.2 (14.11.2015 PF & 04.12.2015 CS) [CW+PF 6.5.3 14/12/15]

- pdftk integration for enhanced PDF compatibility (replaces qpdf which is now deprecated)
[requires pdftk.exe and libiconv2.dll at same level as bPDFServer.exe]
- Adding pdftk keyword for full support in PDF_PS_CONVERTER_PATH=PDFTK (or pdftk)
- New method to enhance string filtering anywhere in a PDF (requires movoncrea.exe)

Version 4.2.1 (05.11.2015) [CW+PF 6.5.0 05/11/15]

- Fixes problem with Quantifier in some rare cases
- keyword to enable/disable specific metadata string filtering in PDF:
PDF_FILTER_METADATA=ON/OFF (Default=OFF)
If keyword is set to ON, the following keyword specifies a path pointing to a text file which contains a list of metadata strings (1 per line) for PDF filtering, for example:
PDF_METADATA_KEYWORDS_FILE_PATH=path_to_text_file\MetadataKeywords.txt
Here, the MetadataKeywords.txt contains a list of metadata strings to filter, i.e. if one of those strings is found in the PDF metadata section, then the PDF will go in the TO_CHECK folder (or in the ERROR folder if PDF_WARNING_AS_ERROR=ON)

Version 4.2.0 (07.09.2015) [CW+PF 6.4.0 08/09/15] 32&64bits

- Service is now also available in 64 bits (compatible with current installations if 32 bits version is replaced by the 64 bits version (new 64 bits version able in that case to manage 32 bits registry).
- keyword PDF_GS_INLINE_IMAGES_AS_ERROR is now deprecated and replaced by:
PDF_INLINE_IMAGES_AS_WARNING=ON/OFF (Default=ON)
If this keyword is set to ON and an inline image is found, then the processed PDF will be saved in the TOCHECK folder (or original PDF moved to the ERROR folder if the keyword PDF_WARNING_AS_ERROR is set to ON)

Version 4.1.0 (25.02.2015) [CW+PF 6.1.5->6.2.2 25/02/15]

- Strength and width of Yellow/Blue stripes is now optimized/reduced to allow a better display/rendering of the the processed images in Demo Mode.
- Fixes RGB images conversion to optimized CMYK icc profile.

Version 4.0.0 (21.11.2014) [CW+PF 6.0.0 21/11/14] 3.5.0 (07.10.2014) CW+PF 6.0.0 (08/10/14)

- qpdf integration for enhanced PDF compatibility
[requires qpdf.exe and 5 others external files at same level as bPDFServer.exe]
- Adding qpdf keyword for full support in PDF_PS_CONVERTER_PATH=QPDF (or qpdf)
- Still able to process .ps in qpdf mode (Distiller required) and also to output in TIFF format
- ADL support for enhanced PDF conformity (AP XI engine required)
- keyword to change default temp folder instead of using the one from Windows
PDF_DEFAULT_TEMP_PATH=path_to_temp_folder
The path string must finish with a backslash character ("\"), for example:
PDF_DEFAULT_TEMP_PATH=C:\Program Files\binutemp\
If keyword is missing or path is empty, the service will use the classical Windows temp directory as before (in order to keep previous behavior).

Version 3.1.0 (05.05.2014) [CW+PF 5.1.0 05/05/14]

- keyword to decide if a PDF processed by a postscript converter will go in Out or To Check folder
PDF_ALWAYS_CHECK_CONVERTED_PDF=ON/OFF (Default=OFF, even if keyword is missing to keep previous behavior, i.e. Out folder).
- Fixes problem with PDF going in ERROR when internal ICC profile is corrupted. Now processing PDF and ignoring corrupted profile.

Version 3.0.1 (11.03.2014) [PF 5.0.8 21/03/14]

- Behavior changed if images has not enough levels (PDF_RECO_AUTORANGE_MIN_LEVELS).
Error no more returned, thus if Quantifier was enabled, now it may or not be applied depending on histogram instead of warning an error.

Version 3.0.0 (24.02.2014) [CW 5.0.0 & PF 5.0.3 24/02/14 & 10/03/14]

- Fixing incorrect memory release in color map when converting to Postscript

Version 2.3.6 (19.02.2014) [CW 4.9.6 20/02/14]

- Adding new output format PS_PDF for PDF_OUTPUT_FORMAT keyword, in order to make a PS conversion and then a PDF conversion in one step inside a workflow
- keyword to allow the use of a different joboptions file for PS conversion when PS_PDF is selected
PDF_DISTILLER_PSPDF_OPTIONS_FILE_PATH=path_to_joboptions_file_used_for_PSPDF
- Fixing incorrect behavior for PDF_WARNING_AS_ERROR.
Previously, normalization worked only on ERROR mode but not on WARNING mode, even if PDF_WARNING_AS_ERROR was specified
- keyword to allow (or not) multiple calls (instances) for Distiller converter
PDF_LOCK_RESOURCES_FOR_CONVERTER=ON/OFF (Default=ON, even if keyword is missing)

Version 2.3.5 (08.11.2013) [CW+PF 4.9.5 11/11/13]

- Fixes PDF crash under Windows 8 & 2012 with special conditions (ReCo & AutoRange &

Quantifier). Error management now adapted for recent systems.

Version 2.3.4 (05.07.2013) [CW+PF 4.8.8 05/07/13]

- Fixes PDF crash due to null shadings
- On recent server systems (2008, 2012...) bPDFServer may need to be logged as Administrator account (instead of System account) if setted with Acrobat Pro for Postscript conversion. This can be done after installation using services.msc.

Version 2.3.3 (24.04.2013) [CW+PF 4.8.4 25/04/13]

- When EPS, TIFF, JPEG or PSD images are dropped in a workflow their output resolution is now modified accordingly to value specified in PDF_OUTPUT_RESOLUTION keyword
- When dropping EPS image and using GS converter, output PDF no more clipping/cutting the image (now fits to page)
- Fixes 1 pixel extra size (width and height) when image was resampled
- keyword for service behavior in case of inline images detected and with a converter selected PDF_GS_INLINE_IMAGES_AS_ERROR=ON/OFF (Default=ON, even if keyword is missing) Effective only with keyword PDF_CONVERT_TO_POSTSCRIPT set to ON

Version 2.3.2 (27.03.2013) [CW+PF 4.8.2 29/03/13]

- fixes 1 level shifting in Quantifier even when ReCo automatically disabled (not enough levels)

Version 2.3.1 (22.02.2013) [CW+PF 4.8.1 22/02/13]

- 4 new icc profiles added and assumed as standard; no "(opt.)" added (total is now 29)

Version 2.3.0 (15.02.2013) [CW+PF 4.8.0 15/02/13]

- GhostScript integration for Postscript conversion depending on .ini parameters (ps2pdf & pdf2pdf) [requires gswin32c.exe and gsdll32.dll at same level as bPDFServer.exe]
- Adding GhostScript keyword for full support in PDF_PS_CONVERTER_PATH=Ghostscript
- Adding TIFF, EPS and Postscript output format with GhostScript for PDF_OUTPUT_FORMAT
- keyword to specify image(s) output resolution for GS with PDF_OUTPUT_FORMAT=TIFF PDF_GS_TIFF_RESOLUTION=resolution in dpi (max 4 digits. Default=600) if keyword is missing, then content of PDF_OUTPUT_RESOLUTION is used, otherwise 300 dpi.
- Adding automatic inline images detection (error generated) causing GS conversion (inline images transformation) with PDF_MIN_PDF_VERSION_FOR_POSTSCRIPT=ERROR
- Output recursivity now kept if a PostScript converter (GS or Distiller) is used, and also if a simple image (EPS, JPEG, TIFF, PSD) is being processed
- Multiple instances of Ghostscript allowed (but still one for Distiller).

Version 2.2.6 (18.12.2012) [CW+PF 4.7.7 19/12/12]

- improvement of CMS Digital product

Version 2.2.5 (27.11.2012) [CW+PF 4.7.6 28/11/12]

- fixes CMYK color processing size calculus not matching buffer size allocation (crash)
- fixes side effect problem with Quantifier (crash)

Version 2.2.4 (23.11.2012) [CW+PF 4.7.5 23/11/12]

- fixes side effect problem with color processing

Version 2.2.3 (16.11.2012) [CW+PF 4.7.4 16/11/12]

- fixes wrong Quantifier behavior after autorange being disabled (not enough levels)

Version 2.2.2 (08.11.2012) [CW+PF 4.7.3 08/11/12]

- fixes Lab&RGB&Gray color processing size calculus not matching buffer size allocation (crash)
- adding message in result file when PDF moved in ERROR caused by too many shadings
- if ReCo applied and image height lower than 3 pixels, sharpen not applied
- keyword to enable/disable autorange in ReCo depending on min levels in channels
PDF_RECO_AUTORANGE_MIN_LEVELS=min_levels (between 1 and 256)
[min_levels is automatically adapted internally if image is 16 bits per channel]
if keyword is missing, previous behaviour is kept: autorange always applied (equ. to value 1)
if autorange gets disabled after this, then ReCo & Quantifier will be disabled too (even if enabled).
example:
if you do not want to apply autorange on images with less than 100 levels, you'll then specify:
PDF_RECO_AUTORANGE_MIN_LEVELS=100

Version 2.2.1 (01.10.2012) [CW+PF 4.7.0 01/10/12]

- fixes problem with RGB images becoming black after processing

Version 2.2.0 (13.09.2012) [CW+PF 4.6.6 14/09/12]

- no more "(opt.)" added in profile description if the profiles are standardized icc profiles (total is 25)
PDF4 Server
- in page mode, 1 page = 1 count (regardless of page size)
CMS Server
- previous behavior kept as is

Version 2.1.9 (04.09.2012) [CW+PF 4.6.4 05/09/12 & 4.6.5 12/09/12]

- CMS Server**
- change behavior if dongle removed (or not detected) during process : pdf now moved to Error folder instead of yellow damage
PDF4 Server
- previous behavior kept as is

Version 2.1.8 (19.03.2012) [CW 4.5.4 20/03/12 & 4.5.5 30/05/12]

- fixes color map cleaning (1st pdf "white" after a pdf processed in error)
- fixes PostScript problem (1st image detected as EPS in PS). Now EPS & PS require both Distiller

Version 2.1.7 (03.02.2012) [CW 4.5.3 08/02/12]

- keyword to limit number of colors allocated (shadings)
PDF_MAX_NUMBER_OF_COLORS_IN_DOCUMENT=max_number
To avoid oversize of the colors' list. Default=3900000
- trichro conversion --> trichro without complementary conversion into black at the defined value

Version 2.1.6 (12.10.2011) *built for CMS purpose* [CW 4.5.0 19/10/11 & 4.5.1 07/11/11] P

Version 2.1.5 (30.09.2011) [CW 4.4.1 05/10/11]

- keyword to take in account an intent profile if already done by PDF Server (opt)

PDF_USE_ONLY_BINUSCAN_OUTPUT_INTENT=ON/OFF

- keyword to disable sharpen in previous case

PDF_DISABLE_SHARPEN_FOR_BINUSCAN_OUTPUT_INTENT=ON/OFF

Version 2.1.4 (27.09.2011) built for CMS purpose [CW 4.4.0 27/09/11]

Version 2.1.3 (15.09.2011) [CW 4.3.0 21/09/11]

- adding ReCo and Quantifier for RGB and Gray images. 3 processes: ReCo, Quantifier and finishing module (ReCo too). New keywords required:

PDF_APPLY_RECO_TO_IMAGES=ON/OFF

PDF_RECO_GRAY_MODULE_PATH=<path to a .bfn file>

PDF_RECO_RGB_MODULE_PATH=<path to a .bfc file>

PDF_APPLY_QUANTIFIER_TO_IMAGES=ON/OFF

PDF_QUANTIFIER_METHOD=<0, 1, 3 or 4>

PDF_QUANTIFIER_STRENGTH=<value between 0 and 1>

PDF_APPLY_FINISHING_TO_IMAGES=ON/OFF

PDF_FINISHING_GRAY_MODULE_PATH=<path to a .bfn file>

PDF_FINISHING_RGB_MODULE_PATH=<path to a .bfc file>

PROFILE_LOCATION_RECO_INTERNAL_GRAY=<path to gray ICC profile>

PROFILE_LOCATION_RECO_INTERNAL_RGB=<path to RGB ICC profile>

ICC profiles are used if at least one ReCo process is enabled (default=disabled)

Quantifier default method is 0 with strength 1 (100%)

Version 2.1.2 (03.08.2011) [CW 4.2.7B 29/08/11]

- *Visual C++ update, vcredist 2.0.50727.5672 required*

Version 2.1.1 (09.05.2011)

- adding keyword to set threshold for PDF_DL_KEEP_CMYK_AT_THRESHOLD option

PDF_DL_CMYK_THRESHOLD=x (x between 0 and 100)

- support of ICC spaces for CMYK colors (same behavior as for CMYK images with ICC profiles)

Version 2.1.0 (10.03.2011) [CW 4.2.5 10/03/11]

- no more converting image files (TIFF, JPEG, PSD, EPS) to PostScript (now only for PDF)

- fixes in version problem with CMYK PSD images

- now supporting CMYK images with alpha channel

- support dpc resolution in TIFF (converted into dpi)

- fixes a problem for JPEG image files with ICC profile

Version 2.0.9 (15.02.2011) [CW 4.2.4 16/02/11]

- fixes bicubic resampling for destination images less than 2 pixels (width or height)

- adding keyword to first copy files locally (and process locally) if input folders are on the network, otherwise processing is very long

PDF_COPY_NETWORK_FILES=ON/OFF

Version 2.0.8 (02.02.2011)

- now keeping document proportion during resizing with PDF_RESIZE_DOCUMENT

If one of the two dimensions is missing, the other one is automatically calculated by keeping the

original ratio

- fixes unwanted extra "_R" at the end of file name once resized with PDF_RESIZE_DOCUMENT

Version 2.0.7.1 (14.12.2010) built for CMS purpose [CW 4.2.3 20/12/10]

- CMS Server automatic update didn't worked for beta → release versions of PDF Server
PDF Server then rebuilt into 2.0.7.1

Version 2.0.7 (08.12.2010)

- optimizing processing time with following options:
PDF_PROCESS_IMAGES=OFF
PDF_PROCESS_COLORS=OFF
PDF_PROCESS_SHADINGS=OFF
Images were previously extracted and reintegrated (for nothing...). Source file now copied to the destination folder
- better error handler if image extraction or document creation fails
Now first trying to convert to PostScript and then to PDF. Warning generated in case of success, otherwise error behavior unchanged. Requirements:
PDF_CONVERT_TO_POSTSCRIPT=ON
PDF_MIN_PDF_VERSION_FOR_POSTSCRIPT=ERROR
- now supporting TIFF output images
Adding new option to the following keyword:
PDF_OUTPUT_FORMAT=TIFF
Requires a new version of PDF2PS (version 1.0.3)

Version 2.0.6 (25.10.2010) [CW 4.2.0 27/10/10 & 4.2.1 09/11/10 & 4.2.2 22/11/10]

- support document resize. Original may not be kept depending on new dimensions
New keywords added:
PDF_RESIZE_DOCUMENT=ON/OFF
PDF_RESIZE_OUTPUT_WIDTH=xxx.xxxxx (size in mm)
PDF_RESIZE_OUTPUT_HEIGHT=xxx.xxxxx (size in mm)
PDF_RESIZE_DISPLAY_BOX=TrimBox/MediaBox/CropBox/BleedBox/TrimBox/ArtBox (crop)
PDF_RESIZE_AUTO_ROTATE=OFF/CW/CCW (ClockWise or CounterClockWise)
Shadings and patterns not supported (artefacts may occur in some documents)
- settings for iPad:
PDF_RESIZE_DOCUMENT=ON
PDF_RESIZE_OUTPUT_WIDTH=147.78228
PDF_RESIZE_OUTPUT_HEIGHT=197.04304
PDF_RESIZE_DISPLAY_BOX=TrimBox
PDF_RESIZE_AUTO_ROTATE=OFF

Version 2.0.5 (26.04.2010) [CW 4.1.0 26/04/10 & 4.1.1 27/04/10 & 4.1.2 28/04/10 & 4.1.5 10/06/10]

- fixes a background option in shadings
- inline images with color space defined in page ressources, no more extracted
- fixes resampling problem linked to size of input image

Version 2.0.4 (19.04.2010)

- now supporting also direct processing of TIFF, JPEG, PSD and EPS images

Version 2.0.3 (30.03.2010) [CW 4.0.3 31/03/10 & 4.0.5 12/04/10 & 4.0.6 12/04/10 & 4.0.8 15/04/10]

- direct printing from PDF Server (using Acrobat Pro)
Requires a new version of PDF2PS (version 1.0.2.1)
Adding new option and keyword:
PDF_OUTPUT_FORMAT=Print
PDF_PRINTER_NAME=<printer name>
- fixes problem with ICC profile not taken in account in CMYK images with resampling enabled (not CDC4x)
- fixes a corrupted image with following options:
PDF_DONT_BUILD_TEMP_DL_PROFILE_LIST=OFF
PDF_CONVERT_CMYK_WITH_ICC_PROFILE=ON
Now, perceptual rendering intent will be used if only available (relative colorimetric was not available in profile)

Version 2.0.2 (01.03.2010) [CW 3.9.9 02/03/10 & 4.0.0 09/03/10 & 4.0.1 16/03/10 & 4.0.2 22/03/10]

- fixes bad matching extension for .ps or .eps (but PDF)
If Postscript conversion failed or Acrobat Pro not installed, final PDF document was named as .ps or .eps (now header file type recognition)
- fixes lost output file with option PDF_WARNING_AS_ERROR enabled
- fixes problem with documents staying in input folder when PDF_WARNING_AS_ERROR option was enabled. No shadings at all in the document was disturbing option behavior
- adding keyword to check missing fonts
PDF_MISSING_FONTS_POLICY=NONE/WARNING/ERROR

Version 2.0.1 (01.02.2010) [CW 3.7.7 02/02/10 & 3.8.x & 3.9.x]

- keyword to allow creation of a Postscript output file
PDF_OUTPUT_FORMAT=PDF/Postscript/EPS
Requires a new version of PDF2PS (version 1.0.1)
This keyword replaces previous PDF_OUTPUT_AS_POSTSCRIPT
- output intent profile is now the optimized profile
If PDF_SAVE_PROFILE_AS_OUTPUT_INTENT enabled, then optimized profile (if calculated)
Optimized profile name is output profile name + " (opt.)"
- now accessing one at a time to Distiller or Acrobat
Caused PostScript and PDF conversion errors in Distiller or Acrobat if multiple services tried to launch multiple instances of Distiller or Acrobat
- PDF_KEEP_SEPARATED_CHANNELS now taken in account only for CMYK images
Caused previously problems with RGB images (mismatch in channel offset)
- now supporting most shadings types
Shadings types 4 to 7 now converted (excepted for non nx8 bits encoding)

Version 2.0.0 (10/12/2009)

- *Visual C++ update, vcredist 2.0.50727.4053 required*
- When enabled, retrieves CMYK profile as output intent from doc and use it as if it has been assigned images and CMYK colors without profiles
PDF_USE_OUTPUT_INTENT=ON/OFF
- keyword to take in account ICC profiles in CMYK images (instead of TIC system)
PDF_CONVERT_CMYK_WITH_ICC_PROFILE=ON/OFF

- fixes error message displayed during build of temporary profiles (at service start)
- keyword to allow creation of a Postscript output file
PDF_OUTPUT_AS_POSTSCRIPT=ON/OFF
- keyword to save output profile as intent profile in processed PDF
PDF_SAVE_PROFILE_AS_OUTPUT_INTENT=ON/OFF
- demo mode enabling when no dongle connected (using registry)
Key : HKEY_LOCAL_MACHINE\SOFTWARE\Binuscan\PDFServer
Name : ActivateDemoMode
Type : DWORD
Value : 0 / 1
- Product functionalities using packs. Three packs available:
"Sharpen" - "Resampling" - "save Ink"
- keyword to allow conversion: PDF --> Postscript --> PDF (requires Acrobat)
PDF_CONVERT_TO_POSTSCRIPT=ON/OFF
- keyword to add a suffix to a processed file
PDF_PROCESSED_FILE_SUFFIX=suffix
- keyword minimum PDF version required for Postscript conversion
PDF_MIN_PDF_VERSION_FOR_POSTSCRIPT=version
- keyword to manage warnings as errors. In case of warning, process is stopped, and file is then not processed (goes in the error folder instead of the tocheck folder)
PDF_WARNING_AS_ERROR=ON/OFF
- fixes Distiller's log file location in case of Postscript failure. Log is now placed at path specified in PDF_REPORT_FOLDER. Error message now contains the path to Distiller's log file
- Improves management of CMYK input profiles. Built linked profiles are stored to avoid re-calculation. Keyword to disable profiles storage:
PDF_DONT_BUILD_TEMP_DL_PROFILE_LIST=ON/OFF
- keyword to allow a parameters' generation file for the dynamic linked profiles
PDF_DYNAMIC_DEVICE_LINK_OPTIONS_FILE=path_to_the_file
This configuration file is of same type as the one for generating main linked profiles but with one more keyword to select profiles' quality level:
PDF_DEVICE_LINK_QUALITY=0/1/2

Version 1.7.3 (04/06/2009)

- profiles generation optimized
- fixes unprocessed gray images when PDF_MAKE_CMYK_FROM_GRAY was enabled
- disabling individual ink saving reports (global only)
PDF_ONLY_GLOBAL_REPORT=ON/OFF (set to ON in installers)
- fixes a resampling issue

Version 1.7.2 (15/05/2009)

- fixes a Pantone color that was lost after processing
- fixes a memory issue which caused crashes on some documents with shadings

Version 1.7.1 (28/04/2009)

- fixing corrupted documents that were not correctly displayed

Version 1.7.0 (16/04/2009)

- no more processing indexed images with a transparency color (transparency was lost)
- now processing each shading function per channel
- if output folder is not (or no more) accessible, the processed file is save in \DONE_LOCAL
- removing blocking dialog box display when extracting some special TIFF images
- fixing multi services concurrent access to the ServiceName_Results.txt file
- optimizing memory/disk performances

Version 1.6.4 (18/02/2009)

- fixes a trapping problem if PDF_KEEP_SEPARATED_CHANNELS is enabled. New keyword: PDF_DONT_PROCESS_SEPARATED_CMY_COLORS=ON/OFF (Default=OFF)
- fixes a problem with B&W images (for NewsPaper version)

Version 1.6.3 (09/02/2009)

- fixes a gray shading problem
- keyword to allow or not support of JPEG 2000 images: PDF_DONT_PROCESS_JPEG2000_IMAGES=ON/OFF (default=OFF)
- no more protecting colors containing black when creating Device Link profiles with the PDF_DL_KEEP_SOLID_COLORS option
- fixes a calculus problem in some colors processing

Version 1.6.2 (29/01/2009)

- keyword to allow or not registration color processing: PDF_DONT_PROCESS_REGISTRATION_COLOR=ON/OFF (default=ON)
- AutoProfiler's linearized link profiles supported

Version 1.6.1.x (19/01/2009)

- keyword to allow or not 1 bit image processing: PDF_EXTRACT_1BIT_IMAGES=ON/OFF (default=ON)

Version 1.6.1 (13/01/2009)

- fixes a problem in CDC4x
- new keyword to overwrite already existing processed file name: PDF_OVERWRITE_PROCESSED_FILE=ON/OFF (default=OFF)
- improved management of DeviceN spaces
- fixes a problem with shadings

Version 1.6.0 (17/12/2008)

- *Visual C++ update, vcredist 2.0.50727.762 required*
- bitmap images (1 bit) no more extracted by default
For old behavior : PDF_EXTRACT_1BIT_IMAGES=ON
- processing speed improved

Version 1.5.9 (17/11/2008)

- .# file in the TO DO folder now removed if you stop a service while a document is processed
- fixes a problem with greyscale image that was converted into negative
- pantone colors are not converted in CMYK anymore (if option is set)

Version 1.5.8 (27/10/2008)

- fixes a color problem in some shadings
- when PDF_CONVERT_TO_GRAYSCALE=ON then PDF_KEEP_SEPARATED_CHANNELS is automatically disabled (some images were inverted...)
- DeviceN shadings were not processed (TO CHECK). Now they are as DeviceCMYK
- doesn't process inline images declared as image masks
- new keyword to enable/disable process of registration marks colors
PDF_DONT_PROCESS_REGISTRATION_COLOR=ON/OFF (default=ON)
- new keyword to rasterize type2 shading functions into type1 shading functions
PDF_RASTERIZE_SHADING_FUNCTIONS=ON/OFF (default=ON)

Version 1.5.7 (02/09/2008)

- fixes a problem with object which was incorrectly considered as a shading
- remove (or not) empty subfolders within the input hot folder
REMOVE_EMPTY_SUBFOLDERS=ON/OFF

Version 1.5.6 (30/07/2008)

- now applying icc profiles for colors and shadings (instead of alternate profiles)
- in case of DeviceN or Separation space, channels can be kept separated or not
PDF_KEEP_SEPARATED_CHANNELS=ON/OFF
- fixes a littleCMS issue with multiple launching of PDF services "simultaneously"

Version 1.5.5 (07/05/2008) [CW 1.0.0.7 16/07/08]

- adding PDF_PROCESSED_FILE_PREFIX=prefix
to add prefix at the beginning of the processed file names
- adding PDF_TIMEOUT_AS_ERROR=ON/OFF
to put PDFs in the Error folder (instead of the Done folder) in case of time out
- processed time for each PDF added in the Result file
- fixes a CMYK issue with CDC4x

Version 1.5.4 (08/01/2008)

- adding disk swapping mechanism to process huge images
- fixes unexpected creation of a DELETE folder
- fixes unprocessed PostScript files with missing extension

Version 1.5.3 (13/12/2007)

- fixing rgb to cmyk conversion

Version 1.5.2 (11/12/2007)

- fixes shadings not processed within "separation" color spaces
- adding support of one bit masks in images
- adding support of Lab based color spaces
- adding Service Name in result file
- adding support of default color spaces (ex.: document generated from PhotoShop)
- adding also support of images for PDF_DONT_PROCESS_SPECIFIC_COLORANTS=ON
- adding PDF_GLOBAL_INK_REPORT_NAME to change default file name (Ink Saving.html)

Version 1.5.1 (08/11/2007)

- new keyword PDF_OVERPRINT_CHECK_METHOD
1=do not process colors or images (0 otherwise), default=1
- fixes postscript files not processed from input folder
- improves pre-process to fix PDF files saved from PhotoShop that were not processed
- improves pre-process to fix big PDF files copied from network that were not processed
- adding option to convert black RGB into black CMYK (0,0,0,100)
PDF_RGB_BLACK_COLOR_TO_BLACK_CHANNEL=ON/OFF, Default=ON
- adding option to avoid processing specific colors, images, shadings (not in CMYK...)
PDF_DONT_PROCESS_SPECIFIC_COLORANTS=ON/OFF, Default=OFF
- bug fix in sampled functions

Version 1.5.0 (09/10/2007)

- adding input (TODO) recursive directories also created in output (DONE). Limited to 20 levels
- backup of the results log file. Two new keywords:
PROCESS_RESULT_ARCHIVE_FOLDER=path to backup files location (or DELETE)
PROCESS_RESULT_LEVEL=value (0=log all events, 1=log warnings & errors, 2=log errors)
- fixes a missing reset for the list of modified colors
- multi-services improved (no more pdf processed several times from non Windows machines)
- multi-servers improved too (as a consequence of previous fix)
- fixes a wrong CMYK shading conversion
- fixes EPS with TIFF preview not processed

Version 1.4.4 (04/09/2007)

- fixes processing and emptying of _list.txt
- adding saving of precalculated profiles, new keyword:
PDF_PROFILE_SET
- adding timeout for PDF processing, new keyword:
PDF_PROCESS_TIMEOUT
- multi-services improved (no more pdf processed several times)
- time processing performance improved (with a huge list of pdf in hot folders)
- fixes corrupted pdf processing with B&W conversion and shadings
- fixes images that were transformed into black rectangles

Version 1.4.3 (14/06/2007)

- fixing resampling problem with very small images (output image was becoming white)
- now processing Indexed images (from a DeviceN with a DeviceCMYK basis)
- fixing output document being corrupted (KeepImagesInGray option was conflicting with shadings)

Version 1.4.2 (10/05/2007)

- fixing disappearing text in output document
- keyword to protect CMYK values when creating link profiles
PDF_DL_KEEP_CMYK_AT_THRESHOLD=ON/OFF (default=OFF) in .\Setting\DLOptions.ini
- fixing some graphical elements that were not converted

Version 1.4.1 (10/04/2007)

- automatic creation of in/out folders

FOLDER_AUTO_CREATE=ON/OFF

- fixes an unlimited loop process in inline images
- fixes shadings with alternate spaces not processed
- fixes output corrupted documents
- fixes text colors that were modified (bug in postscript parser)
- fixes some images not processed

Version 1.4.0 (14/03/2007)

- fixes an unlimited loop process
- disconnected network disks during processing were not reconnected
Adding network frequency checking keyword:
NETWORK_CHECK_TIMER
- adding automatic folder creation for (internal for logs folder):
PDF_REPORT_FOLDER & PROCESS_ERROR_LOG_FOLDER
- fixes a shading issue which is now ignored
- fixes blank output document
- fixes a memory issue
- now extracting, processing and replacing inline images
- optimizing processing time (was higher since 1.3.3)
- fixes corrupted document with gray images and output profile
- optimizing processing time in case of many shadings
- fixes a problem with too many colors
- now keeping unsupported shadings
- fixes a problem with image resampling
- PDF Server won't launch if the support/maintenance has expired

Version 1.3.9.1 (08/01/2007)

- fixes date calculus preventing launching of services after the 31st of december 2006
(for dongles with date protection only)

Version 1.3.9 (12/12/2006)

- fixes a flatness problem with color shadings due to a wrong calculus
- fixes a pre-header problem causing PDF files to stay in input folder

Version 1.3.8 (04/12/2006)

- now processing shadings declared in 'Resources' and 'indirect objects'
- keyword to make a gray from the K of a CMYK:
PDF_MAKE_GRAY_FROM_CMYK=ON/OFF
This keyword is active only if PDF_MAKE_CMYK_FROM_GRAY is ON and
either PDF_CONVERT_TO_GRAYSCALE, or PDF_KEEP_IMAGES_IN_GRAYSCALE is ON too
- fixes ink report initialization values
- fixes resampling with images of 1 pixel size

Version 1.3.7 (21/11/2006)

- BuildInfo registry value is now existing for each service
- services were using too much of processor time.
Keyword to allow priority level to a service (default = 0)

SERVICE_PRIORITY=value

(-1=low priority, 0=normal priority, 1=high priority)

- spot colors support (same way than for DeviceN spaces)
- network paths support. Keyword for path pointing to an authentication file (containing logins + passwords required for network paths):
AUTHENTICATION_FILE=path_to_authentication_file
authentication_file contains a list of hostname (machine) + login + password:
[<hostname>]
USER=<login>
PASSWORD=<password>
example:

[VISTAPC1]

USER=pdfuser

PASSWORD=pdfpwd

- fixes a problem with shadings causing Acrobat Reader to display partially the PDF with an error (buffer problem)
- fixes "Error during extraction of images" error message (process was stopped and file was moved into the error folder)
- fixes problem with a shading not processed due to shading's space color which was an ICC profile (fixes also stitching functions)
- keyword to enable/disable black & white conversion by formula (RGB) or not:
PDF_USE_CUSTOM_GRAY_CONVERSION=ON/OFF
- fixes a DeviceN based shading not converted. DeviceN shadings for which alternate space is a Device space are now supported
- fixes problem with processed PDF causing error with some RIPs
It generates an error with the podofoundcompress tool and the document is being repaired by Acrobat Reader during opening. Those PDF were not linearized, thus "/Linearized" object is now deleted from document
- fixes a file filtering problem causing Mac resource files to appear in the list of PDF to process
- improving Black CMYK protection. A link profile is applied (generated for conversion from CMYK to Gray with a 100% K) instead of a LUT
- fixes a problem with Black protection options and CMYK black & whites images
Now, when PDF_MAKE_CMYK_FROM_GRAY, PDF_KEEP_IMAGES_IN_GRAYSCALE (without PDF_CONVERT_TO_GRAYSCALE) and PDF_PROTECT_BLACK_AND_WHITE are enabled, the PDF_PROTECT_BLACK_AND_WHITE option is automatically disabled

Version 1.3.6 (24/10/2006)

- fixes problem with shadings preventing Acrobat Reader to open output PDF
- fixes "Error: Dongle removed" when PROCESS_SHADINGS was enabled

Version 1.3.5 (19/10/2006)

- fixes problem with documents containing uncompressed images

Version 1.3.4 (17/10/2006)

- to avoid odd colors, JPEG2000 images are now left as is in the PDF and the processed file goes in

the tocheck folder

Version 1.3.3 (13/10/2006) 1st Commercial Printer

- adding "light" version (Commercial Printer) using only one profile for images with different total ink
- adding/updating dongle information after each process (using registry)
Key : HKEY_LOCAL_MACHINE\Software\Binuscan\PDFServer
Name1: PagesLeft or MonthsLeft or UnlimitedMode (pages or months remaining)
Name2: LicenceType (0 for Full Mode, 1 for Commercial Printer)
Name3: UpdateInfo (support/maintenance limit date: months since 01/2006)
- improving quality of device link profiles when CMYK images do have info. in black channel only
- ICCBased colors (not supported) are considered as Device colors

Version 1.3.2 (08/09/2006)

- fixes filtering problem on file names containing unicode characters
PDF or Postscript files were not processed (stayed in the todo folder)
- keyword to support CDC4x enlargement (sharpen applied before CDC4x):
PDF_USE_CDC_4X=ON/OFF
- sharpen improvement to limit it to pixels under a specific contrast
Keywords to define the sharpen mask thresholds (between 0.00 and 1.00):
PDF_PROTECT_SHARPEN=ON/OFF
PDF_SHARPEN_THRESHOLD_LOW=float_value
PDF_SHARPEN_THRESHOLD_HIGH=float_value
- adding date limit in dongle for updates

Version 1.3.1 (12/07/2006)

- fixes a Distiller error when accessing in with multiple services
- adding CR code after %%EOF to avoid errors with some RIPs
- fixes "Wrong number of arguments for a setcolor operation" when opening a processed PDF with Acrobat Reader
- fixes a side effect on softmasks' support causing errors with some RIPs

Version 1.3.0 (30/06/2006)

- optimization of default profiles used to create link profiles
Keyword PDF_TIC_CMYK_DEFAULT_PROFILE_n allows to specify a file containing optimized parameters.
- uses LittleCMS 1.15 (instead of 1.08d)
- improving process interruption of services. Interrupt occurs now between two images instead of being forced by the system
- gray conversion supporting now TIC source profiles
- fixes problem with processed PDF causing error with some RIPs
Occuring with JPEG images, end of format marker (0xFFDE) was sometimes truncated
- allow to edit the sharpen table. Keyword containing path to sharpen table file:
PDF_SHARPEN_TABLE_FILE_PATH=path_to_sharpen_table_file
For each line of the sharpen table, structure is as follows:
image_size,light_value,medium_value,strong_value
image_size=image_width x image_height (in pixels)
light_value, medium_value, strong_value=sharpen strength value (between 1 and 19)

- now preventing to move/delete documents being processed
- allowing optimization of various source profiles
Keyword to specify base profile for optimization instead of the default one:
PDF_TIC_CMYK_SOURCE_DEFAULT_PROFILE_n=base_profile (n=profile number)
- fixes two channels images that were extracted in white ("Sampled Function" bug)
- fixes problems with Soft Mask images causing Acrobat Reader to open document with "Invalid Soft mask" error (or without error but Soft Mask not taken in account). Now referenced as mask object but resampling is temporarily disabled
- link a service to another one (same .ini parameters file) using registry:
Key: HKEY_LOCAL_MACHINE\SOFTWARE\Binuscan\PDFServer\Name: InitFilePath
Type: String
Value: path to parameters file (.ini)
If the file does not exist, the local default .ini is used
- now processing Postscript files. Keyword to specify path conversion application:
PDF_PS_CONVERTER_PATH=path_to_conversion_application
(Adobe Distiller and GhostScript supported)
For GhostScript: path to "gswin32c.exe"
For Distiller: path to "acrodist.exe"
Possibility to specify application executable only or keyword "DISTILLER"
For Distiller, the PDF_DISTILLER_OPTIONS_FILE_PATH keyword specifies the path to a JobOptions file to be used for the conversion.
- now assigning same rights on processed file than the original file (same owner)
- improving access to dongle in multi services mode
Previously, documents were moved in the error folder with a "Dongle removed" error message.
Now, when a service is accessing the dongle, access is then temporarily locked and another service will have to wait until it becomes unlocked

Version 1.2.0 (13/04/2006)

- generation of gray conversion profile from the CMYK selected profile (K)
- optimizing size of processed images (icc stored in images if necessary)

Version 1.1.1 (06/04/2006)

- fixes memory leak in TIC module
- Keyword for max number of images to process in a PDF:
PDF_MAX_NUMBER_OF_IMAGES_IN_DOCUMENT=max_number
If number of images inside a PDF is > max_number, the PDF goes in error
- allowing several services to scan same input folder

CW=CMS Wizard, PF=Page Finisher, PFPro=Page Finisher Pro, PFPX=PageFinisher Pro Xtra, TW=Twin